

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5731836").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/24 16:45
L2	12	(US-20040120594-\$).did. or (US-5341441-\$ or US-5282031-\$ or US-5432893-\$ or US-6463100-\$ or US-6865225-\$ or US-6310974-\$ or US-4710812-\$ or US-6091774-\$ or US-5416604-\$ or US-5768537-\$ or US-5731836-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/24 17:03
L3	4	2 and (software or program)	US-PGPUB; USPAT	OR	OFF	2007/06/24 17:44
L4	2	("5764803").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/24 17:44
S1	3134	(vector\$4 or multidimensional or mulit-dimensional or block or (pattern adj match\$6)) near2 (quantizer\$2 or qunatization or qunatiser\$2 or quantisation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 17:59
S2	696	S1 and scalar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:44
S3	2	("5764803").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 09:44
S4	1763	(quanitzat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (brightness or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 09:51
S5	69	((quanitzat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near2 (step\$2)) same (brightness or luminance) same (difference or (SAD or SSE) or error or activity or uniformity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 21:57

## EAST Search History

S6	999	(adaptive near2 (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 10:30
S7	196	S6 and (brightness or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 11:31
S8	185	S7 and @ay<"2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 10:31
S9	62	S6 and (step\$2 same (brightness or luminance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 13:47
S10	5671	375/240.03 or 382/251 or 382/253 or 382/239	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 13:49
S11	1078	S10 and ((brightness or luminance) same (difference or (SAD or SSE) or error or activity or uniformity or energy))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 13:52
S12	262	S10 and (((brightness or luminance) same (difference or (SAD or SSE) or error or activity or uniformity or energy)) same step\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 14:13
S13	245	S12 and @ay<"2005"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 13:52
S14	43	S10 and (((brightness or luminance) same (difference or (SAD or SSE) or error or activity or uniformity or energy)) same (((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near2 (step\$2)) or (step\$2 adj size)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/18 14:14

## EAST Search History

S15	2	("20040120594").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 21:37
S16	433	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) and (YCBCR or (ITU near2 "601"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:14
S17	1618	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (separately or chrominanc\$3 or (color adj difference\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:19
S18	331	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near4 (separately or chrominanc\$3 or (color adj difference\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:18
S19	11	S16 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:08
S20	438	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) and (YCBCR or (ITU\$4 near2 "601"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:15
S21	748	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) and (YCBCR or YCRCB or (ITU\$4 near2 "601"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:15
S22	15	S18 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:15
S23	160	S21 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:18

## EAST Search History

S24	160	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (separately or chrominanc\$3 or (color adj difference\$6))) and (YCBCR or YCRCB or (ITU\$4 near2 "601")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:20
S25	106	S24 and MPEG\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 22:20
S26	6	(US-20040120594-\$).did. or (US-6310974-\$ or US-6463100-\$ or US-6865225-\$ or US-4710812-\$ or US-6091774-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/06/21 22:32
S27	2	S26 and (DPCM or PCM)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:27
S28	2	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (coarse near3 (chrominance or (color adj difference) or Cb or Cr))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 09:52
S29	25	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same ((luminance or brightness) near3 (separate\$4) near3 (chrominance or (color adj difference) or Cb or Cr))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 10:07
S30	96	(YCBCR) and ((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (separate\$4 or (luminance same chrominance)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 10:29
S31	608	(YCBCR) and MPEG\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 10:30
S32	16	S31 and (separate\$5 near3 blocks)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 11:01
S33	2	(uniform adj pixels) same (quantiz\$7 near2 step\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 11:02

## EAST Search History

S34	27058	(DPCM or PCM)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:42
S35	2813	S34 and ((variable adj length) or VLC)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:27
S39	782	S35 and (mpeg2 or mpeg-2)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:42
S41	191	S39 and ((run adj lenght) or huffmann or arithmetic)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:31
S42	105	S41 and @ay<"2003"	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:43
S43	1497	(DPCM) and ("375"/\$ or "382"/\$)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:42
S44	802	S43 and DCT	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:42
S45	281	S44 and (mpeg2 or mpeg-2)	US-PGPUB; USPAT	OR	OFF	2007/06/22 11:42
S46	205	S45 and @ay<"2003"	US-PGPUB; USPAT	OR	OFF	2007/06/22 12:04
S47	65	(VLC or (variable adj length)) same (entrop\$5 same (huffman same (run adj length) same arithmetic))	US-PGPUB; USPAT	OR	OFF	2007/06/22 12:05
S48	31	S47 and mpeg\$3	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:18
S49	0	(vector adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (repeated near2 (scalar adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising))))	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:20
S50	0	(vector adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (repeated near2 (scalar adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising))))	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:21
S51	0	(vector adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (repeated near4 (scalar adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising))))	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:21

## EAST Search History

S52	2	(vector adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) and (repeated near4 (scalar adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)))	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:34
S53	268	(vector adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) and ((scalar adj (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)))	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:34
S54	43	S53 and mpeg\$4	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:35
S55	7	(US-20040120594-\$).did. or (US-6865225-\$ or US-6463100-\$ or US-6091774-\$ or US-6310974-\$ or US-4710812-\$ or US-5416604-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/06/22 14:59
S56	3	S55 and RGB	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:02
S57	725	(YCBCR or CCIR601 or (CCIR adj "601")) and RGB and (mpeg\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:06
S58	3	S57 and quincunx	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:13
S59	500	(YCBCR or CCIR601 or (CCIR adj "601")) same RGB and (mpeg\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:07
S60	274	S59 and @ay<"2003"	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:07
S61	33	mpeg\$5 and quincunx	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:17
S62	7	mpeg\$5 and (quincunx same chrominance)	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:18
S63	322	mpeg\$5 and hexagonal	US-PGPUB; USPAT	OR	OFF	2007/06/22 15:17
S64	15	(quincunx same chrominance)	US-PGPUB; USPAT	OR	OFF	2007/06/22 18:28
S65	476	(quincunx)	US-PGPUB; USPAT	OR	OFF	2007/06/22 18:28
S66	81	S65 and ("375"/\$ or "382"/\$)	US-PGPUB; USPAT	OR	OFF	2007/06/22 18:45

## EAST Search History

S67	91	(diagonal or checkerboard or (checker adj board)) same (sampl\$5) same (chrominance or (color adj difference) or Cb or CR)	US-PGPUB; USPAT	OR	OFF	2007/06/22 18:56
S68	132	(diagonal or checkerboard or (checker adj board)) same ((sampl\$5) or subsample) and (YUV or YCBCR or CCIR601 or (CCIR adj "601") or "4:2:0")	US-PGPUB; USPAT	OR	OFF	2007/06/22 19:06
S69	31	(checkerboard or (checker adj board)) same ((sampl\$5) or subsampl\$5) and (YUV or YCBCR or CCIR601 or (CCIR adj "601") or "4:2:0")	US-PGPUB; USPAT	OR	OFF	2007/06/22 19:06
S70	734	(checkerboard or (checker adj board)) same ((sampl\$5) or subsampl\$5)	US-PGPUB; USPAT	OR	OFF	2007/06/22 19:06
S71	136	S70 and ("348"/\$ or "375"/\$ or "382"/\$)	US-PGPUB; USPAT	OR	OFF	2007/06/22 19:07
S72	2	("5590064").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 12:23
S73	1058	(bayer adj pattern\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 12:24
S74	39413	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:08
S75	87	S73 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 12:24
S76	360	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near3 (pair\$2 or adjacent or adjoining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:05
S77	4	S76 and (bayer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:05

## EAST Search History

S78	965	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (edge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:37
S79	35	S78 and (edge near2 (sharpness))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:33
S80	83	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near3 (step\$2)) same (edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:37
S81	18	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near3 ((step\$2) adj (size or value or coefficient))) same (edge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:51
S82	21	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near3 ((step\$2) adj (size or value or coefficient))) same (edge\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:51
S83	91	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) near3 (step\$2)) same (edge\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:53
S84	3	S83 and (edge\$2 near3 (class\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:53
S85	1192	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (edge\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:53
S86	27	S85 and (edge\$2 near3 (class\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 14:59
S87	63	S85 and (edge\$2 near3 ((class\$3) or type))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:00



## EAST Search History

S88	36	S87 not S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:04
S89	2	("7227991").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:04
S90	18	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (scalar\$2 or step\$2) same ("2/3" or sin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:16
S91	713	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (vector\$2 or (multi adj dimension\$4)) same (scalar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:16
S92	16	(quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising) same (vector\$2 or (multi adj dimension\$4)) same ((two or "2") near2 scalar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:59
S93	14	(multi adj dimensional) near2 (vector\$3 near2 (quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 16:00
S94	296	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (block\$2 or (macroblock\$2)) same (pixel\$2 or coefficient\$2) same scalar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/24 11:08
S95	129	((quantizat\$6 or quantisat\$6 or quantizer\$2 or quantiser\$2 or quantizing or quantising)) same (block\$2 or (macroblock\$2)) same ((pixel\$2 or coefficient\$2) near9 scalar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/24 11:08